

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100522\
 Data File : FE037963.D
 Signal(s) : FID1B.ch
 Acq On : 05 Oct 2022 20:38
 Operator : YP\AJ
 Sample : N4955-01
 Misc : 1 PPM SOIL LOD
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2022
 Supervised By :Ankita Jodhani 10/06/2022

Integration File: autoint1.e
 Quant Time: Oct 06 05:47:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE100522.M
 Quant Title :
 QLast Update : Wed Oct 05 16:55:43 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.669	2466398	18.988 ug/ml
Target Compounds			
2) N-DECANE	4.266	80328	0.600 ug/mlm
3) N-DODECANE	6.439	86208	0.617 ug/mlm
4) N-TETRADECANE	8.256	101523	0.699 ug/mlm
5) N-HEXADECANE	9.851	127565	0.851 ug/mlm
6) N-OCTADECANE	11.284	136898	0.902 ug/mlm
7) N-EICOSANE	12.583	135727	0.891 ug/ml
8) N-DOCOSANE	13.774	145317	0.976 ug/ml
10) N-TETRACOSANE	14.872	153018	1.029 ug/ml
11) N-HEXACOSANE	15.886	143029	0.990 ug/ml
12) N-OCTACOSANE	16.829	146887	1.044 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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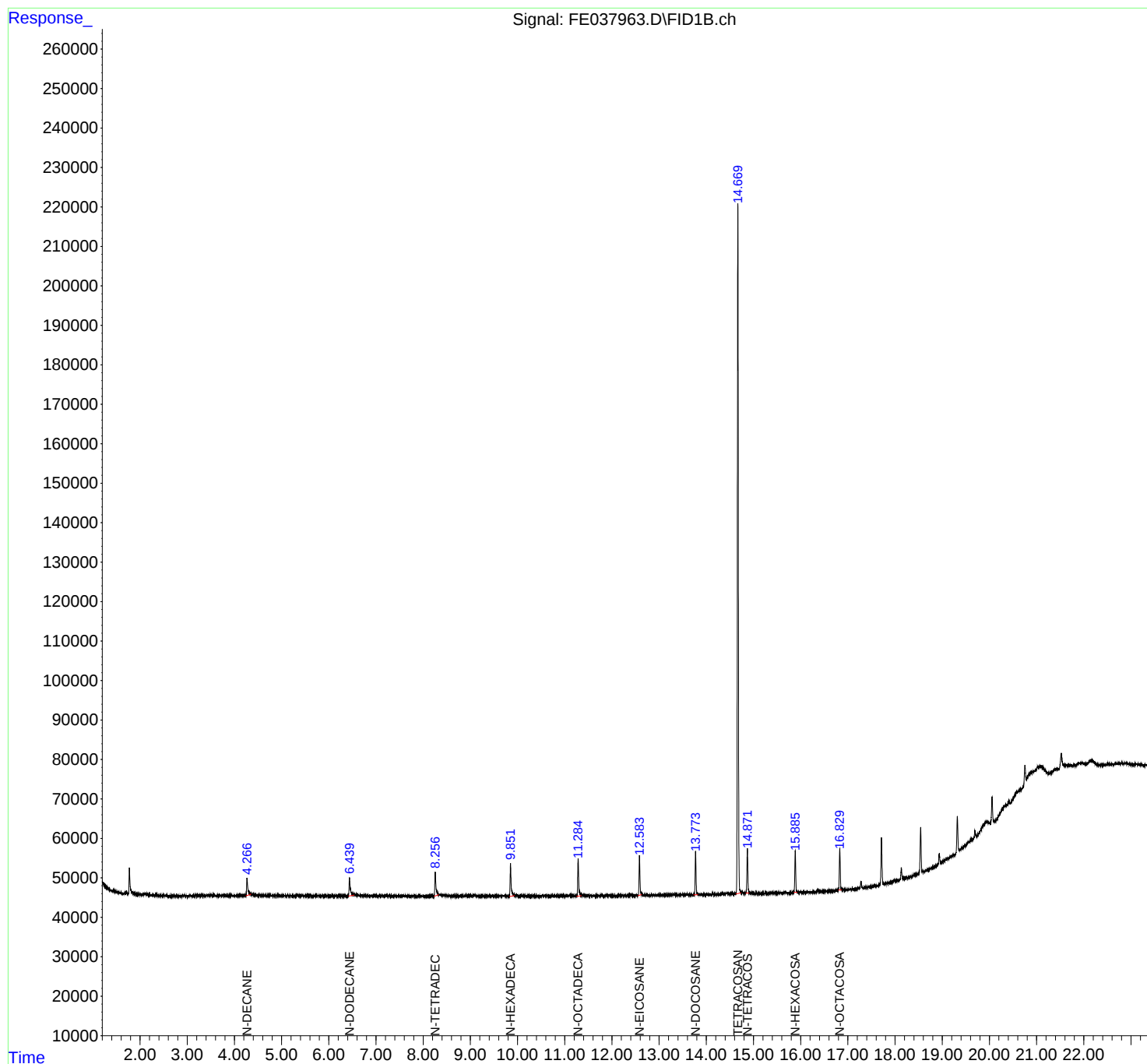
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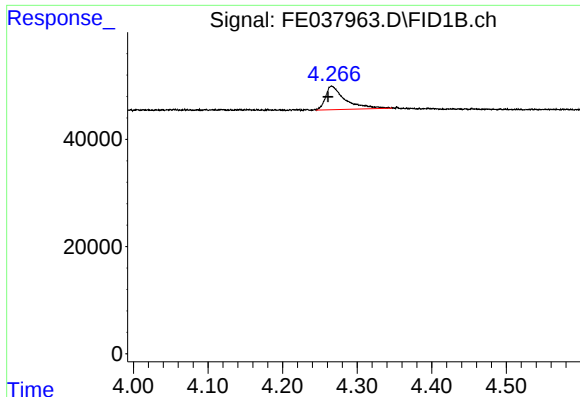
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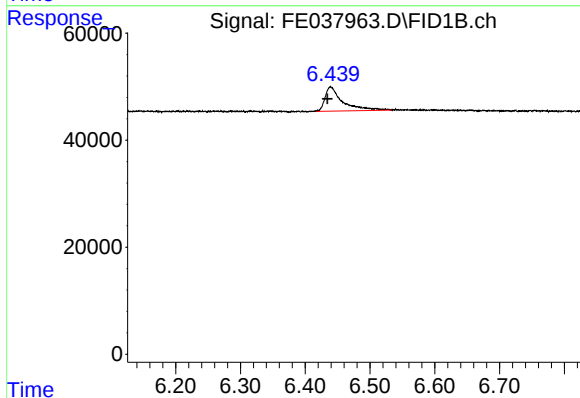
#2 N-DECANE

R.T.: 4.266 min
Delta R.T.: 0.005 min
Response: 80328
Conc: 0.60 ug/ml

Instrument : FID_E
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

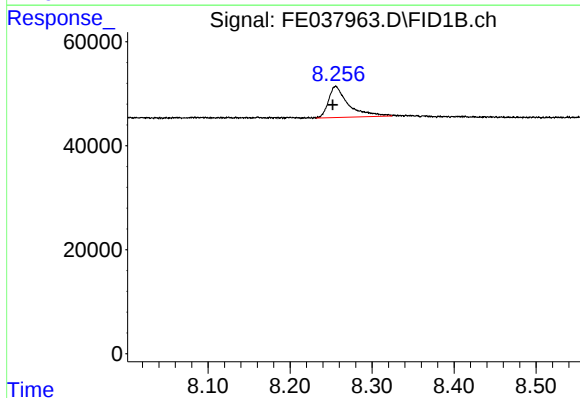
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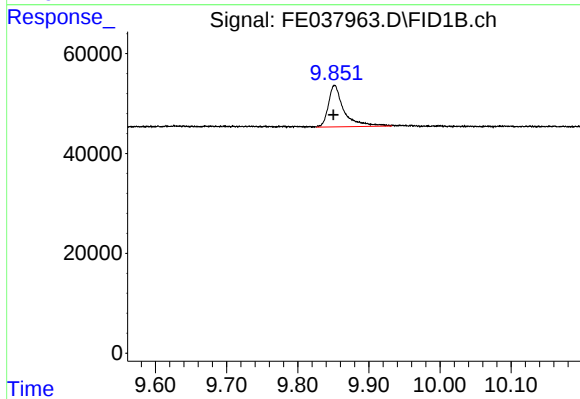
#3 N-DODECANE

R.T.: 6.439 min
Delta R.T.: 0.005 min
Response: 86208
Conc: 0.62 ug/ml m



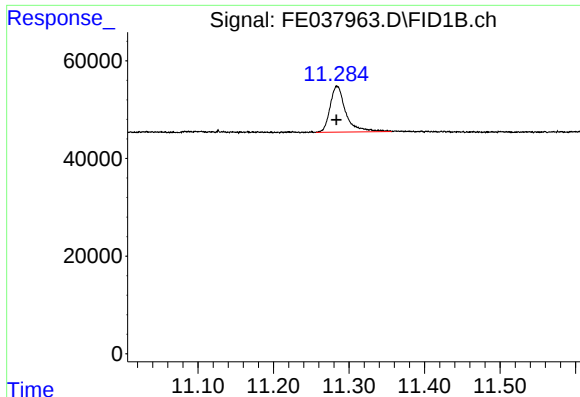
#4 N-TETRADECANE

R.T.: 8.256 min
Delta R.T.: 0.004 min
Response: 101523
Conc: 0.70 ug/ml m



#5 N-HEXADECANE

R.T.: 9.851 min
Delta R.T.: 0.000 min
Response: 127565
Conc: 0.85 ug/ml m



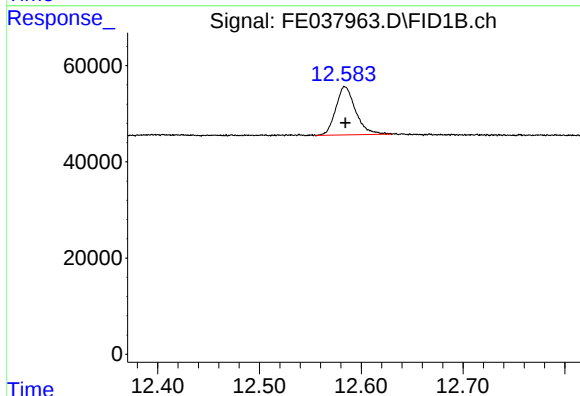
#6 N-OCTADECANE

R.T.: 11.284 min
Delta R.T.: 0.000 min
Response: 136898
Conc: 0.90 ug/ml

Instrument :
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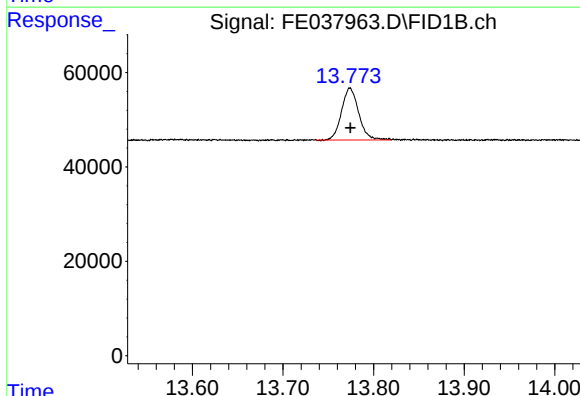
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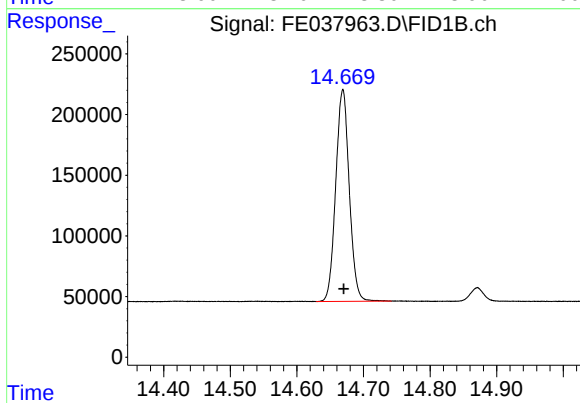
#7 N-EICOSANE

R.T.: 12.583 min
Delta R.T.: -0.001 min
Response: 135727
Conc: 0.89 ug/ml



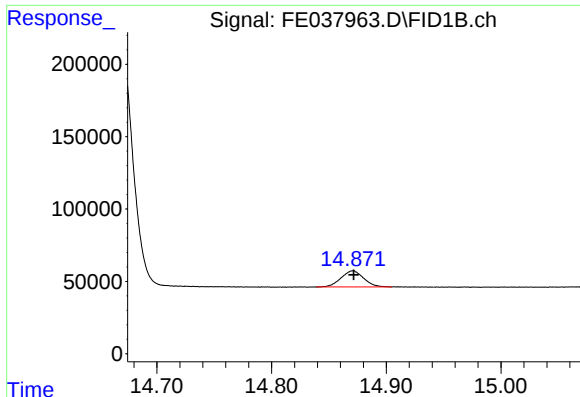
#8 N-DOCOSANE

R.T.: 13.774 min
Delta R.T.: 0.000 min
Response: 145317
Conc: 0.98 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.669 min
Delta R.T.: 0.000 min
Response: 2466398
Conc: 18.99 ug/ml



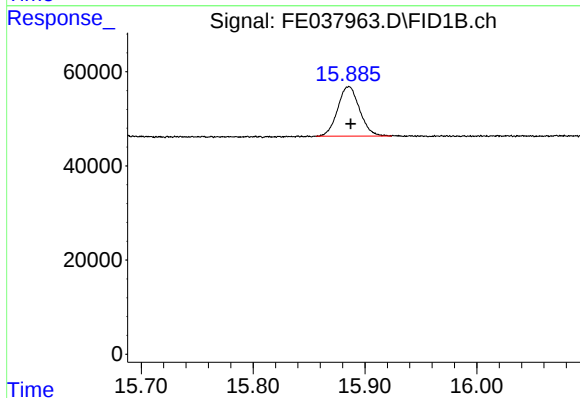
#10 N-TETRACOSANE

R.T.: 14.872 min
Delta R.T.: 0.000 min
Response: 153018
Conc: 1.03 ug/ml

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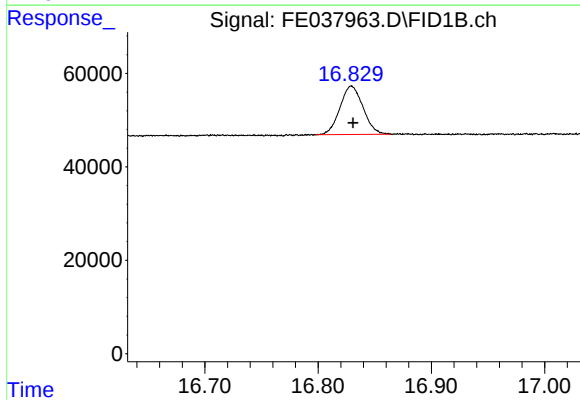
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#11 N-HEXACOSANE

R.T.: 15.886 min
Delta R.T.: -0.001 min
Response: 143029
Conc: 0.99 ug/ml



#12 N-OCTACOSANE

R.T.: 16.829 min
Delta R.T.: -0.001 min
Response: 146887
Conc: 1.04 ug/ml